

BUCUR, N., dr.

Considerations on the problem of the so-called "cortisone
collagenopathy". Med. intern. 13 no.12:1649-1655 D '61.

(COLLAGEN DISEASES) (CORTISONE toxicology)
(OSTEOPOROSIS etiology) (MUSCLES diseases)

BUCUR, N.

A system of notation for soil erosion correlated with morphopedological evolution. Studii biol agr Iasi 13 no.1:175-182 '62.

BUCUR, N.; TESU, C.; MERLESCU, E.; PITUC, P.; IONEL, A.

Salinity tolerance of some fruit tree species planted on
the salt soils of the Jijia-Bahlui Depression. Studii biol
agr Iasi 13 no.2:333-340 '62.

BUCUR, N.; GAFENCU, Ana; IONEL, A.

Soil humidity in the domain (stage) of pellicular rupture.
Studii biol agr Iasi 13 no.2:341-348 '62.

RUMANIA

GALEA, Gh., Lecturer; BUCUR, N., MD; CONSTANTINESCU, M., MD;
ALEXE, E., MD; ENACHE, M., MD.

Medical Clinic of the "Brincovenesc" Hospital (Clinica
Medicală a Spitalului "Brincovenesc" - (for all)

Bucharest, Viata Medicală, No 11, 1 Jun 63, pp 735-739

"Treatment of Hepatic Cirrhosis with Hypoglycaemia-Inducing
Sulfonamides."

.5

CONSTANTINEANU, M., dr.; BUCUR, N., dr.

Atrial paroxysmal tachycardia with atrioventricular block.
Med. intern. 15 no.10:1257-1264 '63.

1. Lucrare efectuata in Clinica medicala semiologica a
Spitalului "Brincovenesc", Bucuresti (director: prof.
R. Brauner).

(HEART BLOCK) (TACHYCARDIA, PAROXYSMAL)
(ELECTROCARDIOGRAPHY)

BUCUR, N.

Evolution soils of the taxonomic units of soil. Studii biol agr
Iasi 14 no.1:123-135 '63.

DUTA, Ioan; COVAR, O.A., economist principal; BUCUR, N.

Internal reserves used judiciously. Constr Buc 16 no.734: 2
1 F '64.

1. Inginer-sef al intreprinderii "Marmura", Simeria (for Duta).
2. Directorul intreprinderii de materiale de constructii "1 Mai", Bucov (for Bucur).

CONSTANTINEANU, M.; BUCUR, N.

Contributions to the problem of atrio-ventricular dissociation.
Stud . cercet. med. intern. 5 no.1:59-67 '64

BUCUR, N.; DIACONESCU O.; SERBAN, Al.; STROIIA, C.

Contributions to the interpretation of the so-called supraclavicular
panniculitis. Stud. cercet. endocr. 15 no.5:451-457 '64.

BUCUR, N.; BAREU, N.

Contributions to the study of the loessic rocks in the Hija and Bahlui Depression. In French. p. 149.

ANALITIC STIINTIFICE. SECTIUNEA II: STIINTA NATURALE. Iasi. Rumania.
Vol. 5, no. 1, 1959.

Monthly List of East European Accessions (SEAI) LC, Vol. 9, no. 1,
January 1960.

Uncl.

BUCUR, P.

LANGUAGES: M.		CANCILLESCO
SURNAME, Given Names		
Country:	Rum-nia	
Academic Degrees:	[Not given]	
Affiliation:	[not given]	
Source:	Timisoara, <u>Timisoara Medical</u> , No 2, Jul-Dec 60, pp 55-58.	
Date:	On Allergic Asthma of Rieinie Origin - Rieinie Disease. Clinical Cases.	
Co-authors:		
BUCUR, P.		
DABICA, M.		
HOISE, T.	[Degrees and affiliations not given]	
one table		

ZAHACINSCHI, Maria, dr.; BUCUR, Paula, dr.; VASILESCU, I., dr.

Familial cardiomyopathy. (Apropos of 3 clinical cases). Med.
intern. (Bucur.) 17 no.4:463-466 Ap '65.

1. Lucrare efectuata in Spitalul nr. 1, Craiova.

BUCUR, R.

"Chromothermographic analysis of gaseous hydrocarbons."

p. 163 (Revista De Chimie) Vol. 7, no. 3, Mar. 1956;
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

BUCUR, R.

A conductometric study of ionic adsorption; adsorption of strong electrolytes with and without ion exchange in dilute solutions. p. 226.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 4, Apr. 1959.

Monthly List of East European Accessions. (EEAI), LC. Vol. 8, no. 9, ^{Sept.} 1959.
Uncl.

S/081/63/000/001/009/061
B101/B186

AUTHORS: Barb, D., Bucur, R., Olariu, A.

TITLE: Distillation of isotope mixtures under pregiven conditions

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1963, 67, abstract
1B441 (Studii și cercetări fiz. Acad. RPR, v. 12, no. 4, 1961,
879 - 891 [Rum.; summaries in Russ. and French])

TEXT: The distillation of binary mixtures under adiabatic and non-adiabatic conditions is discussed on the basis of an analysis of equations used in the theory of rectification of ideal mixtures. The equations found are expanded to the rectification of three-component mixtures. It is noted that an appropriately controlled, non-adiabatic process gives better results than an adiabatic one for small rectifying plants. The theoretical assumptions were experimentally checked by rectification in the system H_2O - HDO - D_2O . [Abstracter's note: Complete translation]

Card 1/1

BUCUR, R.; MERCEA, I.; MERCEA, V.

Study of some heat-conducting cells with a view to their utilization
in the analysis of isotopes. Studii cer.fiz. 10 no.4:753-770 '59.
(HEAI 9:5)

(Heat)

(Isotopes)

(Gases)

BUCUR, R.; FODOR, T.; MERCEA, I.

A simple device for the exact measuring of thermal conductivity in
gases. Studii cerc fiz 11 no.1:211-215 '60. (EEAI 10:1)
(Heat) (Gases)

BARB, D.; BUCUR, R.; OLARIU, A.

Distillation of isotopic mixtures under profiled conditions. Studii
cerc fiz 12 no.4:879-891 '61.

1. Institutul de fizica atomica, Sectia Cluj.

BUCUR, R.V.

Electrochemical determination of oxygen with the
 $\text{Cd}(\text{CrCl}_2)\text{C}$ cell. Rev chimie Min petr 13 no.8:489-491
Ag '62.

BUCUR, R.V.

Anodic polarography of dilution on the (Pd-H) electrode.
Studii cerc chim 11 no.1:111-116 '63.

I. Institutul de fizica atomica, sectia Cluj.

BUCUR, R.V.

Electrochemical properties of the equilibrium of the palladium-hydrogen system. Studii cerc chim 12 no. 3:171-198 Mr '64.

1. Institute of Nuclear Physics, Cluj Branch.

BUCUR, Stelian, maistru

Ahead of schedule. Constr Buc 16 no. 740:2 14 March 1964.

BERENSTEIN, I.; ILIE, Ion; BUCUR, Stelian

Rumanian newspaper correspondents on the January successes.
Constr Buc 17 no.788:1 13 F '65.

PRUNDARU, M.; BUCUR, Stelian, coresp.; BERENSTEIN, I., coresp.; BUCUR SCU,
Ilie, ing.

The ceramists at the beginning of the work campaign. Constr
Buc 17 no.797:3 17 Ap '65.

SMIRNA, Ovidiu, correspondent; DIMA, Dumitru, correspondent; DUMITRESCU, Constantin, correspondent; GIURGEA, S., correspondent; BUCUR, St., correspondent

Top collectives in socialist competition. Constr Buc 17 no.790:1, 2
27 F '65.

NICOLAU, A.; GEORGESCU, M.; CORBASCA, M.; BUCUR, St. [deceased]

Dependence of the ignition potential on the product of pressure and distance between electrodes and electrode nature of the binary mixtures of different concentrations of gases. Studii cerc fiz 16 no.9:1025-1033 '64.

PRUNDARU, M.; BUCUR, Stelian, coresp.; BERENSTEIN, I., coresp.; BUCURE SCU,
Ilie, ing.

The ceramists at the beginning of the work campaign. Constr
Buc 17 no.797:3 17 Ap '65.

FILOTTI, Tr.; ANDREESCU, Gh.; CONSTANTINESCU, Eugenia; BUCUR, V.

Platinum catalysts for gasoline reforming. Petrol se gaze 13 no.3:129-134
Mr. '62

1. Institutul Petrochim.

RUMANIA

ILIESCU, C.C., Professor; BUCUR, V., MD.

Bucharest, Viata Medicala, No 3, 1 Feb 64, pp 145-153

"Guiding Principles in Cardiovascular Diseases."

BUCUR, Voichita, ing.

Production of parquetry at the Arad Works. Ind lemnului 14
no. 12: 469-472 D '63.

RUMANIA/Chemical Technology. Chemical Products H
and Their Applications. Dyeing and Chemical Treatment of Textile Fabrics.

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21930

Author : Bucurenci, I.
Inst : -
Title : Laboratory Setup for Applying Films on Fabric.

Orig Pub : Ind. textila, 1958, 9, No 6, 231-232

Abstract : A scheme and description of the construction of laboratory apparatus for covering plastics with a plastic film are given. Application of plastic on a moving belt proceeds by means of a thin steel belt with a sharpened edge. Drying is conducted

Card : 1/2

H-167

RUMANIA/Chemical Technology. Chemical Products H
and Their Applications. Dyeing and Che-
mical Treatment of Textile Fabrics.

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21930

by infrared lamps. The setup completely
duplicates production conditions of treat-
ment. -- O. Golosenko

Card : 2/2

COUNTRY : RUMANIA H
 CATEGORY : Chemical Technology. Chemical Products and Their
 Applications. Dyeing and Chemical Treatment of*
 ABS. JOUR. : RZhKhim., No 17, 1959, No. 63137
 AUTHOR : Grindea, M.; Coman, L.; Bucurencin, I.; Zeidman, R;**
 INSTITUTE : Inst. politehn. Iasi
 TITLE : Investigation of the Wool Dyeing Mechanism While
 Employing Acid Dyes that Produce Uneven Dyeing.
 ORIG. PUB. : Bulg. Inst. politehn. Iasi, 1957, 3, No 3-4, 121-
 -134

ABSTRACT : Acid dyes (D) attach themselves to wool by the
 electrovalent bonds in accordance with the Poray-
 -Koshits positions, as well as in the case of un-
 even dyeing, in accordance with the Van der Vaals
 forces. When dyeing is conducted in neutral me-
 dia, these additional forces hinder the diffusion
 of D into the interior of fibers and at an exten-
 ded processing, lead to the distribution of D on
 the external zones of fibers only, that may be
 detected on the cross-sectional profiles of fibers

*Textile Materials.

**Forst, T.

Card:

1/2

H - 157

COUNTRY :
CATEGORY :

H

ABS. JOUR. : RZhKhim., No 17, 1959, No. 63137

AUTHOR :
INSTITUTE :
TITLE :

ORIG. PUB. :

ABSTRACT : which appear as colored rings with undyed cen-
Con'd tral portions. In acid media the above stated bon-
dages are coneracted which is revealed in a no-
ticeable hastening of the diffusion. A subsequent
treatment in neutral media restores the initial
bondages, that is being proved by the observed
changes in the fiber length when treated with
phenol. The results of this investigation in-
dicates ways of improving dye stability with
regard to wet treatments. -- A.Matetskiy.

Card: 2/2

BUCURENCIU, I., ing.

Systems of driving the cloth in dyeing jiggers. Ind text Rum 14
no.3:117-122 '63.

BUCURESCU, F.

BUCURESCU, F. Excerpt from a report of the branch in Arad. p. 381
GAZETA MATEMATICA SI FIZICA. SERIA A. Bucuresti, Rumania Vol. 7,
No. 7, July 1955

SOURCE: East European Accessions List (EEAL) IC Vol. 5, No. 6, June 1956

BUCURESCU, I.

BUCURESCU, I. We manufacture tiles from cement. p. 1. Vol. 7, no. 296,
Sept. 1955. CONSTRUCTORUL. Bucuresti, Rumania.

SOURCE: East European Accessions List, (EEAL), LC, Vol. 5, no. 6, June 1956

BUCURESCU, 111a

At the I.R.M.C. Enterprise, Timisoara. Constr Bac 16 no. 7 0:2
10 0'64

1. Chief Engineer, I.R.M.C., Timisoara.

BUCURESCU, Ilie,

Observations and measures for firing ceramic products.
Constr Buc 16 no. 749:2 16 May '64.

1. Head Engineer, I.R.M.C., Timisoara

EGGURESCU, Iile

For reducing the consumption of electric power. Constr Buc 16
no.76212 15 Ag '64.

BUCURESCU, Ilie

The equipment in our enterprise can be modernized. Constr Buc 17
no.789:3 20 F '65.

1. Chief Engineer, I.R.M.C.T., Timisoara.

BUGURESCU, Ilie, ing.

The value of a kilogram of combustible. Constr Buc 17 no.800:
3 8 My '65.

1. Chief Engineer, Regional Enterprise for Construction Materials,
Timisoara.

HUNGARY

RITTER, Laszlo, Dr, BUCSINA, Oliver, Dr; National Institute of Traumatology (director: SZANTO, Gyorgy, Dr, professor) (Orszagos Traumatologiai Intezet).

"The Treatment of Gluteal and Pelvic Injuries Causing Severe Hemorrhages."

Budapest, Magyar Traumatologia, Orthopaedia es Helyreallito Sebeszet, Vol IX, No 2, 1966, pages 118-121.

Abstract: [Authors' English summary modified] The problems of the treatment of injuries of the gluteal region or of complex pelvic injuries accompanied by severe hemorrhage are discussed. A personal case is presented in which hemorrhage leading to severe shock developed secondary to a gluteal stab wound; it was successfully controlled by ligation of the ipsilateral hypogastric artery. The regional anatomical conditions, surgical techniques and modes of the development of collateral circulation are discussed. Based on literature data and personal experiences related to the treatment of gluteal and pelvic injuries with severe hemorrhage, the intervention described in the article is recommended. 3 Eastern European, 4 Western references.

L 38644-66 FCC

ACC NR: AP6027670

SOURCE CODE: HU/0033/66/000/002/0081/0095

AUTHOR: Bucsy, J.

ORG: none

TITLE: Comparison of the wind velocities measured over Budapest and Vienna with the aid of the radiotheodolite

SOURCE: Idojaras, no. 2, 1966, 81-95

TOPIC TAGS: wind velocity, wind measurement, theodolite, radiosonde

ABSTRACT: Correction factors were established to compensate for the errors in the wind-velocity measurements made by a radiotheodolite over Budapest. The data obtained with the aid of these corrections were verified for accuracy by using the radiosonde readings for wind velocity in Vienna, Austria. The data gathered in the Mar 1959 - Feb 1964 period were utilized for this purpose. It was shown that the Hungarian readings are still inaccurate, especially in the range where the altitude angle of the theodolite is below 16 degrees. Further studies are necessary to establish the causes of these errors and to develop a remedy for their correction. Orig. art. has: 7 figures and 3 tables. [JPRS: 36,452]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 007 / OTH REF: 008

Card 1/1 *ell*

RUMANIA / Cultivated Plants. Fruits, Berries.

M-7

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58729

Author : Negrila, A.; Bucuresti, Ed.

Inst : Not given

Title : Utilization of Potential of Yield Capacity of Existing Gardens

Orig Pub : Agro-silvica stat., 1957, 165 p., 11.

Abstract : No abstract given

Card 1/1

134

BUCURN, E.

Some principles and laws in pedology and soil geography.
Anal St Jassy II 9:83-90 '63.

BUCUTA, Em., ing.

Regulation of the Enterprise for Water Distribution in Brussels regarding the protection of the water in the urban distribution network from returning waste water which can pollute the network or damage the meters. Reviewed by Em.Bucuta. Hidroteh apele metecr 10 no.1:51 Ja '65.

BUCVAN, Miloslav

Tuning unit for slot antennas. Letecký obzor 9 no.3:67-69
Mr '65.

BUCZAK, E.
POLAND/Cultivated Plants - Potatoes, Vegetables, Melons.

M-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10855

Author : Buczak, E.

Inst : -

Title : Methods of Pinching Hothouse Cucumbers.

Orig Pub : Przegl. ogrodn., 1956, 33, No 1, 19-21

Abstract : When cucumbers of the Nailuchshiy Veygel't variety were grown in earth hothouses, and Spot Rezistang in rack hothouses, with 70 cm. distance between plants, the highest yields were acquired when the main shoot was not pinched but the side shoots of the first rank were pinched over the second or first fruit. Subsequently, only branches without fruits were removed. Removing the fruit from the main shoot, a method frequently recommended, did not increase yields in experiments with both varieties.

Card 1/1

34

BUCZAK, Eleonora

Influence of manuring with green summer after-crop mixtures and winter cover-crops on the formation of nitrates and the increase of organic substances in the soil. Rocznik roln rosl 88 no. 3:619-638 '64.

1. College of Agriculture, Wroclaw.

BUCZEK, J.

Hormonal theories of growth correlations. p. 35

WIADOMOSCI BOTANICZNE. (Polskie Towarzystwo Botaniczne)
Krakow. Vol. 3, no. 1, 1959
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

POLAND

KRZYZANOWSKI, Jan and BUCZEK, Jan. Chair of Obstetrics (Katedra Poloznictwa) (Director: Docent Dr. Stanislaw TARKIEWICZ) and the Chair of Microbiology (Katedra Mikrobiologii) (Director: Docent Dr. Tadeusz JASTRZEBSKI), both of the Veterinary Division (Wydzial Weterynaryjny) of the WSR [Wyzsza Szkola Rolnicza, Higher School of Agriculture] in Lublin

"Attempts at Treatment of Papillomatosis of the Mammary Glands of Cows with Liver Pulp."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 4, Apr 63, pp 207-209.

Abstract: Authors discuss the occasional or enzootiological occurrence of papillomatosis of the mammary glands in cows, and its probable viral etiology. They review the various unsuccessful attempts at treatment, including vaccines and hormones, and call attention to the 100-percent cure reported by Prusova. The authors' attempts to repeat Prusova's results by following her procedure exactly resulted in 100 percent failure. Of the 14 references, 7 are in Polish, 3 in Russian, 2 in German, and the remaining 2 are Western.

1/1

POLAND/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82437

Author : Buczek, Jozef

Inst : -

Title : Relation Between the Quantity and Quality of the Chingun Abutilon (Abutilon throphrasti) and Its Harvest Period.

Orig Pub : Acta agrobot., 1956. (1957), 5, 147-162

Abstract : Dynamics of the fiber accumulation for 70-120 days after the appearance of the sprouts are studied. Abutilon should be harvested 100 days after the appearance of the sprouts when the stems contain about 20% of fiber and the ratio of cellulose to lignin equals 4.3 .

Card 1/1

- 89 -

BUCZEK, J.

Changes in distribution of water in plants as a result of the
absorption of nitrates or ammonium salts. Acta soc botan Pol
32 no.2:327-348 '63.

1. Department of Plant Physiology, University, Wroclaw.

BUCZEK, Jozef

On the metabolic aspects of the transpiration of leaves. Acta
soc botan Pol 32 no.3:511-530 '63.

1. Department of Plant Physiology, University, Wroclaw.

BUCZEK, Jozef

Effect of 1-tryptophan on the rooting of leafy cuttings. Acta
agrobot 16:77-85 '64.

1. Department of Plant Physiology of Wroclaw University.
Submitted January 5, 1964.

BUCZEK, Jozef

Discussed views on the water-intake mechanism of terrestrial plants. Wiadom botan 9 no.1:43-53 '65.

1. Department of Plant Physiology of Wroclaw University.

LEYKO, Wanda, Dr.; BUCZEK, Lidia, mgr biologii

Structure of the hemoglobin. Postepy biochemii 6 no.4:395-407 '60.
(EEAI 10:3)

1. Adiunkt Zakladu Chemii Fizjologicznej Akademii Medycznej w Lodzi
(for Leyko)
(HEMOGLOBIN)

LEYKO, Wanda; BUCZEK, Lidia

Structure of haemoglobin. Postepy biochem.6 no.4:395-407 '60.

(HEMOGLOBIN chem)

LEYKO, Wanda; DMOCHOWSKI, Antoni; BUCZEK, Lidia; GONDKO, Roman

Obtaining pure hemoglobin from human blood. Nauki matemat
przyrod Lodz no.12:37-49 '62.

1. Katedra Biochemii, Uniwersytet, Lodz.

*

BUCZEK, K.

WSZECHSWIAT. Warszawa. No. 9, Sept. 1958.

Maciej z Miechowa, the first modern geographer in Easter Europe.
p.233.

SCIENCE

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 2,
February 1958, Unclass.

BUCZEK, Z.

The documentation of earthworks and proposed standards.
p. 430.

No. 9, Sept. 1955

PRZEGŁAD GEOLOGICZNY
Warszawa

SOURCE: East European Accessions List (EEAL), Vol. 5, no. 2, Feb. 1956

EUCZEK, Z.

EUCZEK, Z. Some remarks on costs of flight training p. 11.

Vol. 11, No. 47, Nov. 1955.

SKRZYDLATA POLSKA.

TECHNOLOGY

Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

BUCZKO, Margit; CSIKAI, Gyula

Testing of BF₃ proportional neutron counters. Atomki kozl
2 no.1:29-35 160.

Buckowski, J.

BUCKOWSKI, J.

"Critical Remarks on the Regulation of Electric-Power Distribution with Reference to Further Development and Results in 1952." p. 93 (ENERGETIKA, Vol. 3, No. 3, March 1953, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954, Unclassified

BUCZKOWSKI, J.

"Remarks on State Discipline Regarding the Regulation of the Distribution of Electric Power."
p. 133, Praha, Vol. 3, no. 4, Apr. 1953.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

BUCZKOWSKI, J.

Regulation of the consumption of electric energy in the period 1945-1955. p. 334.

Vol. 5, no. 9, Sept 1955
ELEKTROTECHNICKY OZOR
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

BUCZKOWSKI, J.

Power generation during the winter season of 1955-1956, and its development in the coming years.

p. 345 (ENERGETIKA) Vol. 6, no. 8, Aug. 1956,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

BUCZKOWSKI, J.

Power requirements in the Czechoslovak electric-power system in 1956; an analysis of the daily diagram of the entire system, as well as of individual production ministries and results of the control of power consumption, compared with foreign countries.

P. 501. (ENERGETIKA.) (Praha, Czechoslovakia) Vol. 7, No. 10, Oct. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, May 1958

BUCZKOWSKI, Leslaw

Calculation of the ship's wave resistance based on the solution of
Michell's integral approximated for ship lines by the spline surface.
Bud okret polit Gdansk no.4:175-182 '64.

1. Department of Ship Design, Technical University, Gdansk.

43818-66

ACC NR: AT6030224

(N)

SOURCE CODE: PO/2545/65/000/007/0051/0130

AUTHOR: Buczkowski, L.

22

ORG: Department of Ship Design (Katedra Projektowania Okretow)

B+1

TITLE: The application of Theilheimer's equation to the design of a ship's hull of minimum wave resistance

SOURCE: Danzig. Politechnika. Zeszyty naukowe, no. 72, 1965. Budownictwo okretowe, no. 7, Prace instytutu okretowego, 51-130

TOPIC TAGS: ship, shipbuilding engineering, geometric form

ABSTRACT: A method for determining the lines of form of a ship's hull, for a given constant speed and a minimum wave-making resistance, is presented. Some geometric parameters determined by other design criteria are given, and existing methods for determining the ship's hull form having a minimum wave-making resistance are briefly discussed. Assuming that a ship's hull form can be expressed by Theilheimer's equation, a calculation method in accordance with it is presented. It applies the Gauss-Hermite quadrature method and the solution of Mitchell's integral. Calculation methods of the same problem but with additional requirements are discussed together with a numerical solution. The solution of several specific problems, including the minimization of relative resistance, using the discussed calculation method, is given. Orig. art. has: 18 figures, 187 formulas, and 2 tables. [GE]

SUB CODE: 13/ SUBM DATE: 19Dec64/ ORIG REF: 003/ OTH REF: 013/ SOV REF: 003/

Card 1/1 FY ATD PRESS: 5075

JONDERKO, Gerard; BUCZKOWSKI, Mieczyslaw

Catalase activity and osmotic resistance of the erythrocytes.
Acta physiol pol 12 no.1:133-136 '61.

1. Z II Klin. Chorob Wewn. Sl. A.M. w Zabrze-Rokitnicy Kierownik:
prof. dr W. Zahorski.
(CATALASE blood) (HEMOLYSIS)

JONDERKO, Gerard; BUCZKOWSKI, Mieczyslaw

Catalase activity of the erythrocytes in infectious jaundice.
Polskie arch. med. wewnetrz. 31 no.1:21-23 '61.

1. Z II Kliniki Choroż Wewnetrznych Sl. AM Kierownik: prof. dr
W. Zahorski.

(HEPATITIS INFECTIOUS blood) (ERYTHROCYTES chem)
(CATALASE blood)

MYSLAK, Zdzislaw; BUGZKOWSKI, Mieczyslaw

Problem of the effect of calcium varseniate (Ca-EDTA) on the kidney
in the treatment of lead poisoning. Polskie arch. med. wewn. 31 no.6:
853-856 '61.

1. Z Działu Klinicznego Instytutu Medycyny Pracy w Przemysle Węglowym
i Hutniczym w Zabrze Kierownik: prof. dr med. W. Zahorski.

(LEAD POISONING ther) (EDATHAMIL pharmacol)
(KIDNEYS pharmacol)

SROCZYNSKI, Jan; BUCZKOWSKI, Mieczyslaw; WEGRZECKA, Jadwiga

Latent spastic conditions in pneumoconioses. Pol. tyg. lek. 17 no. 18:
1862-1865 26 0 '62.

1. Z II Kliniki Chorob Wewnętrznych Sl. AM i Działu Klinicznego
Instytutu Medycyny Pracy w Przemysle Węglowym i Hutniczym; kierownik:
prof. dr med. Witold Zahorski.
(PNEUMOCONIOSIS) (BRONCHIAL DISEASES) (SPASM)

MAREK, Kazimierz; BUCZKOWSKI, Mieczyslaw; KOSSMANN, Stefan

Value of various statistical methods for calculating the
maximum expiration curve. Pol. tygod. lek. 18 no.33:1215-1217
12 Ag '63.

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Śl. AM w Zabrze;
kierownik: prof. dr Witold Zahorski.
(RESPIRATORY FUNCTION TESTS)

BUCZKOWSKI, Mieczyslaw; URBANSKA-BONENBERG, Lucyna

Respiratory and circulatory failure due to extreme obesity (Pickwickian syndrome). Pol. arch. med. wewn. 33 no.2:187-191 '63.

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Śl. AM w Zabrze Kierownik: prof. dr med. W. Zahorski.

(RESPIRATORY INSUFFICIENCY) (OBESITY)
(CARDIOVASCULAR DISEASES)

JONDERKO, Gerard; BUCZKOWSKI, Mieczyslaw

The effect of chronic intoxication with manganese chloride on the level of fetal hemoglobin in rabbits. Pol. arch. med. wewnet. 35 no.4:461-463 '65.

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej AM (Kierownik: prof. dr. med. W. Zahorski).

~~BUCZKOWSKI, Z.~~

BUCZKOWSKI, Z.

Hydrolysis of 2-phenyl-benzylaminomethyl-imidazoline hydrochloride.
Acta Poloniae pharm. 11 Suppl:31-32 1955.

1. Instytut Farmaceutyczny w Warszawie.
(ANTIHISTAMINICS,
antasoline, hydrolysis)

{Analyst's note: Subject is not identical with Zenon Buczkowski.)

?

HUNGARY / Chemical Technology, Chemical Products and Their
Application. Carbohydrates and Their Processing.

H-26

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17182

Author : Harkay, G.; Buczolich, A.

Inst : Not given

Title : Diagram for the Design of Reheaters

Orig Pub : Cukoripar, 1958, 11, No 7, 177-179

Abstract : A diagram has been developed for calculation of mean
temperature differences for the reheaters. The diagram
permits rapid control of the reheater duty as well as to
determine temperature of the preheated juice.

Card 1/1

H-92

BUCZOLICH, A.

Cardboard manufacturing in the Pétohaz Sugar Factory. p. 268.

CUKORIPAR. (Cukoripar es Mezogazdasagi es Elelmiszeripari Tudomanyos Egyesulet. Cukoripare Szakosztaly) Budapest, Hungary. Vol. 12, no. 10, Oct. 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960

Uncl.

BUCZOLICH, Antal

Cardboard manufacture at the Petohaza Sugar Factory.
Cukor 12 no.10:26-273 0 '59.

1. Foenergetikus, Petohazi Cukorgyar.

BUCZOLICH, Antal; ZADORI, Antal

Optimum distribution of the heating surface of the multistage evaporator.
Cukor 15 no.11:309-312 N '62.

1. Petohasi Cukorgyar.

EUCZOLICH, Antal

Flow resistance of juice heaters. Cukor 16 no.5:131-134 My
'63.

HARKAY, Gyula; BUCZOLICH, Antal

Diagram for calculation of juice heaters. Cukor 11 no.7:
177-179 J1'58

BUCZOR, I.

Influence of the macrostructure of aluminum blocks, manufactured by semicontinuous pouring, on some properties of the mild sheet. Pt. 2, p. 65.

KOHASZATI IAFOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary
Vol. 14, no. 2/3, Feb./Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959
uncla.

POLAND / Chemical Technology. Chemical Products and H-5
Their Application. Water Treatment. Sewage.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1751.

Author : Buczowska, S., Dabrowska, J.

Inst : ~~Not given.~~

Title : Experiments Concerning Chlorination on Ships.

Orig Pub: Roczn. Panstw. zakl. hig., 1955, 6, No 4, 302.

Abstract: No abstract.

Card 1/1

Differential bile-salt test at 44° for the detection of fecal contamination of water. Zofia Buczyńska (Morska Sta. Sanit.-Kwarantanna, Gdynia, Poland). Roczniki Państw. Zakładu Hig. 6, 185-93 (1955) (English summary). — Improved bacteriol. methods for the detection of fecal contamination in water were studied. Water samples obtained from several sources were incubated in lactose broth (official method) and then differentiated by the confirmatory test at 44° on Endo-agar or in bile-salt broth. The compn. of the broth was bile-salt 5, lactose 10, peptone 20, NaCl 5 g., distd. water 1000 ml., indicator soln. 1%. Analysis of the results indicated that the bile-salt test at 44° is of value for rapid detection of fecal contamination. Results were obtained within 2 days instead of the usual 5 days. The total error of 2.8% was insignificant in comparison to the total expl. error. Richard Ehrlich

CA BUCZOWSKA, Zofia

14

Colorimetric method for lead determination in water.
Zofia Buczowska. *Gas, Woda i Tech. Sanit.* 24, 99-102
(1980).—A new accurate method, consisting of treating
water with dithizone, is described. Pb content in water
can be detd. in presence of other metals, such as Fe, Mn, Cu,
and Zn.
T. R. Zegre

CA BUCZOWSKA, Z.

Bacteriophage content of water. Z. Buczowski and Z. Buczowska. (Panstwowy Zaklad Hig., Gdynia, Poland). *Med. Doświadcz. i Mikrobiol.* 9, 329-41(1951).—Examined 120 samples of well water and 22 samples of water from public water-supply systems showed the presence of *E. coli* phage (type 1) or *Shigella shigae* phage in 25 well water and 8 water-supply samples. Most of the contaminated samples also contained *E. coli* of intestinal origin. Thus the presence of phage confirms the existence of fecal contaminations and gives an addnl. and simple method of sanitary evaluation of water. I. Z. Roberts

BUCZOWSKA, ZOFIA

Med. Nature of fish industry waste. Zofia Buczowska (Inst. Med. Morskiej, Gdansk, Poland) and Janina Dabrowska. *Gaz. Woda i Tech. Sanit.* 29, 357-60 (1955).—The purification of wastes of 5 Polish fish plants was investigated by biol. oxidation and by mech. sepn. of suspensions. The wastes were originated by 3 different production steps: fish cleaning, salting, and fish-flour production. The ratio of 5 days biol. O requirement to N content of the dry org. residue of the wastes was detd. with the method of dilas. The N content, 12-14%, indicates that the wastes contain proteins and products of their hydrolysis. The value of the ratio was 7 for the cleaning waste and 4 for the other two. The plot of the biol. O requirement in g./l. vs. time in days for 20 days indicates that the rate of the first oxidation period is similar to that of a city waste. Sedimentation of suspensions in an Imhoff funnel seps. 32% of the dry residue of the raw wastes within 2 hrs. The sepd. fraction contains an av. 82% of fats. There are 2000-20,000 mg./l. of fats in the flour waste and 5% of this waste are proteins. Sedimentation reduces the 5-day O requirement by 25%, whereas filtering achieves 42%. Thus 58% of org. compds. are in soln. or a colloidal dispersion. Henry W. Lawendel

BUCZOWSKA, Zofia; DABROWSKA, Janina

Characteristics of sewage in fishing industry. Bull. Inst.
Marine Trop. M. Gdansk 7:204-208; Russian transl. p. 208-210;
English transl. p. 210-212 1956.

State Inst. of Marine + Tropical Medicine in Gdansk-Gdynia
1. Z Panst. Inst. Med. Mors. i Trop. w Gdansku-Gdyni.
(SEWAGE,
in fish indust. (Pol; Rus; English))

✓ The growth of *Escherichia coli* on selective medium depending on water environment. The ability of *E. coli* to grow in various water environments. Zofia Burzowska (Gdynia Inst. Maritime Med., Gdynia, Poland). ~~Pracznik Państwowego Zakładu Hig.~~ *Hig.* 7, 501-10(1950) (English summary).—The influence of water environment on the ability of *E. coli* to grow on selective medium (salts of bile, acids, lactose, agar) was studied in dil. solns. of NaCl, sea water, river water, and well water.

P. Dreyfuss

BUCZOWSKA, Zofia

BUCZOWSKA, Zofia

Effect of suspension in different waters on growth ability of *E. coli* on selective medium. Bull. Inst. Marine M. Gdansk 8 no.1-2:125-129 1957.

1. Z Instytutu Medycyny Morskiej w Gdansk.

(*ESCHERICHIA COLI*, culture

eff. of suspension in different type waters on growth ability on selective medium.)

COUNTRY:	:	Poland	H-5
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 5 1960, No.	18275
AUTHOR	:	Buczowska, Z. and Dabrowska, J.	
INST.	:	Danzig Institute for Marine Medicine	
TITLE	:	The Hygienic Evaluation of Drinking Water Supplies on Ships	
ORIG. PUB.	:	Biul Inst Med Morsk Gdansku, 8, No 3-4, 221-224 (1957)	
ABSTRACT	:	The results from analyses on the drinking water supply on 58 sea-going vessels have shown that 18% of the samples fail the Coli index standard (≥ 2 per 100 ml) and 55.8 of the samples fail to meet the standard on total bacteria count (≥ 20 per 1 ml). For the elimination of the above-noted shortcomings, the authors recommend the regular chlorination of the water stored in tanks. M. Gubar	
CARD:		1/1	

EXCERPTA MEDICA Sec 17 Vol 5/4 Public Health Apr 59

1165. DETERMINATION OF SALMONELLA BACTERIA IN WATER -
Buczowska Z. Inst. of Marine Med., Gdańsk - BIUL. PANSTW. INST.
MED. MORSK. GDANSK. 1958, 9/1-2 (43-52) Tables 5
The demonstration of small numbers of salmonellae in water by the concentration technique gives good results when using diatomaceous earth as a filtering layer. The following conclusions are arrived at: (1) Cultivation in a diatomaceous earth layer on bismuth sulphite agar gives good results for water samples with a low degree of general pollution. This method allows the determination of salmonella concentration in tap water. (2) For polluted surface water better results are attained by enrichment cultivation in selenite broth. This method allows the demonstration of even very small numbers of salmonellae in water. (3) The method of rinsing out bacteria concentrated in a layer of diatomaceous earth, before the cultivation on bismuth sulphite agar, gives good results for water samples with a high degree of general bacteriological pollution. In such samples an approximate determination of salmonella concentration seems possible. As regards salmonellae in littoral sea-water pollution by sewage may be controlled by the testing of water for the presence of salmonellae. The site of bathing beaches in relation to the position of sewer outlets should not be neglected from a sanitary point of view.
(XVII, 49)

BUCZOWSKA, Zofia; JUNGHERY, K. Kendell

Modifications of bacteriological media in sanitary water tests.
Bull. Inst. Marine M. Gdansk 9 no.1-2:53-57 1958.

1. (From the Institute of Marine Medicine in Gdansk).
(WATER SUPPLY, bacteriology
coliform bact., determ. of most suitable culture medium)

BUCZOWSKA, Z.

Bacteria Salmonella in sewage and polluted water. Acta Microb.
polon. 8:27-32 1959.

I. Z Instytutu Medycyny Morskiej w Gdansk.
(WATER POLLUTION microbiol.)
(SALMONELLA)

BUCZOWSKA, Zofia

Research on the bacteriological pollution of coastal waters.
Bull.Inst.Marine M. Gdansk 10 No.3/4:141-150 '59.

1. From the Institute of Marine Medicine in Gdansk.
(WATER POLLUTION microbiol.)